BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In Re: SEMINOLE ELECTRIC	)	
COOPERATIVE, INC.	)	
SEMINOLE POWER PLANT	)	
MODIFICATION OF CONDITIONS	)	OGC CASE NO. 94-0522
OF CERTIFICATION PA 78-10	)	DEP CASE NO. PA 78-1OE
PUTNAM COUNTY, FLORIDA	)	

FINAL ORDER MODIFYING CONDITIONS OF CERTIFICATION

On October 18, 1979, the Governor and Cabinet, acting as the Siting Board, issued a final order approving certification for the Seminole Electric Cooperative, Inc.'s (SECI) Seminole Power Plant. That certification order approved the construction and operation of a 1240 MW coal-fired power plant with 230 kV transmission lines, and associated facilities to be located in Putnam County, Florida.

On November 1, 1993, and June 6, 1994, SECI filed requests to modify the conditions of certification pursuant to section 403.516(l)(b), F.S. SECI requested that the conditions be modified to approve changes to the plant design, layout, facility and operating conditions. The changes include changes in conditions relative to the railcar maintenance and surface coating facility, updating of applicable regulatory requirements, deletion of obsolete internal waste stream monitoring, providing for microencapsulation and macroencapsulation techniques at the landfill, alteration of the landfill footprint, and revisions in groundwater monitoring well locations.

Copies of SECI's request were distributed to all parties to the certification proceeding and made available for public review. On October 4, and December 9, 1994 Seminole responded to DEP's requests for additional information. On December 23, 1994, a Notice of Proposed Modification of Power Plant Certification regarding the proposed modifications was published in the Florida Administrative Weekly. The notice specified that a hearing would be held if requested on or before 45 days from receipt of the proposed modification by the parties or within 30 days of publication of the notice. No written objection to the proposed modifications was received by the Department.

Accordingly, in the absence of any written objection, **IT IS ORDERED:**

The proposed changes to SECI described in the November 1, 1993, and June 6, 1994, requests for modification, as clarified in Seminole's October 4, and December 9, 1994 responses to DEP's requests for additional information are **APPROVED**. Pursuant to Section 403.516(l)(b), F.S. the Department hereby **MODIFIES** the conditions of certification for the Seminole Power Plant Units 1 and 2 as follows:

I. Air

The construction and operation of Units No. 1 and 2 at the Seminole steam electric power plant site shall be in accordance with all applicable provisions of Chapters ~~17-2, 17-5 and 17-7~~ 62-210, 62-212, 62-213, 62-296, and 62-297, Florida Administrative Code. In addition to the foregoing, the permittee shall comply with the following conditions of certification:

A. Emission Limitations

1. Stack emissions from Units 1 and 2 shall not exceed the following when burning bituminous coal:

1.a. SO_2 - 1.20 lb. per million ~~BTU~~ Btu heat input, ~~maximum two hour average~~ and 10 percent of the potential combustion concentration (90 percent reduction).

1.b. NO_x - ~~0.70 lb per million BTU heat input, maximum two hour average,~~ 0.60 lb. per million Btu heat input, ~~30 day rolling average~~ and 35 percent of the potential combustion concentration (65 percent reduction).

1.c. Particulates - 0.03 lb per million ~~BTU~~ Btu heat input and 1 percent of the potential combustion concentration (99 percent reduction) when combusting solid fuel.

1 d. Compliance with the emission limitations and percent reductions in 1.a. and 1.b. shall be determined on a 30-day rolling average.

1 e. Compliance with the particulate matter emission limitation under 40 C.F.R. §60.42a(a)(1) (paragraph 1.c., above) constitutes compliance with the percent reduction requirements for particulate matter

and compliance with the nitrogen oxides emission limitation under 40 C.F.R. §60.44a(a) (paragraph 1.b., above) constitutes compliance with the percent reduction requirements for nitrogen oxides.

4. Particulate emissions from the FGD sludge fixing facility shall be in compliance with Section ~~17-2.05(2)~~ 62-296.310(2).

B. Air Monitoring Program

1. The permittee shall install and operate continuous monitoring devices for the Units No. 1 & 2 boiler exhausts for sulfur dioxide, nitrogen dioxide and opacity. The monitoring devices shall meet the applicable requirements of ~~Rules 17-2.660~~ Rule 62-296.800, F.A.C., and 40 C.F.R. 60. The opacity monitor may be placed in the duct work between the electrostatic precipitator and the FGD scrubber.

2. The permittee shall operate an ambient monitoring device for sulfur dioxide in accordance with EPA reference methods in 40 C.F.R.~~,~~ Part 53 and an ambient monitoring device for suspended particulates as shown on Figure 1. The monitoring device shall be specifically located at a location approved by the Department. The frequency of operation shall be every six days commencing as specified by the Department.

4. The permittee shall provide sampling ports into the stack and shall provide access to the sampling ports in accordance with Rule~~17-700, Table 700-1~~ 62-297.345, F.A.C., and 40 C.F.R. 60.8.

C. Stack Testing

2. Compliance tests for particulate matter shall be conducted and data reduced in accordance with Rule ~~17-2.700, and Table 700-1~~ 62-297.330, Table 62-297.330-1, F.A.C.

5. Compliance tests for particulates shall be performed annually during a testing period that commences not earlier than 60 days before and not later than 60 days after the anniversary date of the last compliance test in accordance with Conditions C.2, 3, and 4 above, provided that the requirements of Rule ~~17-2.700(2)(a)4.~~ 62-297.340(1)(d), F.A.C., for testing each fiscal year (October-September 30) are met. If the plant is shut down for reasons beyond the control of the owner such that testing during the normal testing period cannot be accomplished, the annual compliance test shall be performed within 60 days after the unit is restarted and reaches its normal commercial production rate.

6. SO_2 and NO_x Continuous Emission Monitors required by ~~Chapter 17-2~~ Rule 62-297.500, F.A.C., and 40 C.F.R. 60 subpart Da shall comply with the quality assurance requirements for continuous emission monitoring systems described in 40 C.F.R. 60, Appendix F.

D. Reporting

1. For each Unit, stack monitoring, fuel usage and fuel analysis data shall be reported to the Department on a quarterly basis in accordance with Rule ~~17-2.660~~ 62-296.800, F.A.C.

3. Beginning one month after certification the applicant shall submit to the Department a quarterly status report briefly outlining progress made on engineering design and purchase of major pieces of equipment (including control equipment). All reports and information required to be submitted under this condition shall be submitted to the Administrator of Power Plant Siting, Department of Environmental ~~Regulation~~ Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

II. Water Discharges

Any discharges into waters of the State during construction and operation of Units No. 1 & 2 shall be in accordance with all applicable provisions of Chapters ~~17-3~~ 62-302 and 62-520 , Florida Administrative Code and 40 C.F.R .~~,~~423, Effluent Guidelines and Standards for Steam Electric Power Generating Point Source Category except as provided herein. Also the permittee shall comply with the following conditions of certification.

A. Plant Effluents and Receiving Body of Water

For discharges made from the power plant the following conditions shall apply.

3. Thermal Mixing Zone

The instantaneous zone of thermal mixing for cooling tower blowdown shall not exceed an area of 1705 square feet at a daily average discharge temperature of 95° F. During discharge, the blowdown from the cooling towers for Units 1 & 2 shall be withdrawn at the point of lowest temperature of the recirculating cooling water prior to the addition of makeup water. The temperature at the point of discharge into the St. Johns River

shall not be greater than 98 degrees F, nor shall it exceed 95° F on a daily average. The temperature of the water at the edge of the mixing zone shall not exceed the limitations of Paragraph ~~17-302.520(4)(a)~~ 62-302.520(4)(a), F.A.C., except on occasions in which the temperature of the unaffected receiving waters exceeds 92 degrees F.

4. Chemical Wastes and Boiler Blowdown

All discharges of low volume wastes (demineralizer regeneration, floor drainage, lab drains and similar wastes), shall comply with Chapter ~~17-3~~ 62-302. If violations of Chapter ~~17-3~~ 62-302 occur, corrective action shall be taken. These wastewaters shall be discharged to an adequately sized and constructed treatment facility. Operational cleaning wastes shall be treated to comply with 40 CFR Part 423 and Chapter ~~17-3~~ 62-302, F.A.C., prior to discharge. Boiler blowdown, boiler fireside wash, air preheater wash, and stack wash shall be disposed of in an adequately sized percolation pond; provided, however, that boiler blowdown from either unit may also be recycled to the Unit 1 and 2 cooling towers.

10. Mixing Zones

The discharge of the following pollutants shall not violate the Water Quality Standards of Chapter ~~17-3~~ 62-302, F.A.C. beyond the edge of the designated instantaneous mixing zone as described herein and located within the envelopes as shown on Figure 2.

11. Variances to Water Quality Standards

In accordance with the provisions of Sections 403.201 and 403.511(2), F.S., Seminole Electric Cooperative, Inc., is hereby granted variances to the Water Quality Standards of Chapter ~~17-3~~ 62-302, F.A.C., for cadmium, lead, mercury, and zinc, but only at such times as the natural background levels of the St. Johns River approach or exceed those standards; in any event, the discharge shall comply with the effluent limitations set forth in paragraph II.A.12.a.

12. Effluent Limitations

a. The following instantaneous maximum effluent limitations shall apply for cadmium, mercury, lead and zinc at the locations specified:

(i) Cooling blowdown - concentrations shall not exceed four times the concentrations present in the river at Applicant's intake structure at the time intake, or not exceed Class III surface water quality standards, whichever is higher.

~~(ii) bottom ash sluice blowdown concentrations shall not exceed the unweighted sum of the amount per liter described in (i) above plus the following amounts per liter:~~

~~cadmium.....0.11 mg/l~~
~~mercury.....0.0055 mg/l~~
~~lead.....0.11 mg/l~~
~~zinc.....1.1 mg/l~~

II. B. 1 CHEMICAL MONITORING

The following parameters shall be monitored as shown during discharge and reported monthly to the DE~~R~~P Northeast District Office:

III. B. Well Criteria

The submission of well logs and test results and location, design and construction of wells to provide plant service water shall be in accordance with applicable rules of the Department of Environmental ~~Regulation~~ Protection and the St. Johns River Water Management District (SJRWMD). Total water use per month shall be reported quarterly to SJRWMD commencing with the start of construction.

E. Monitoring and Reporting

Seminole shall implement the following groundwater monitoring program:

1. Static ground water ~~levels~~ elevations shall be monitored prior to purging the wells for sample collection. All measurements shall be referenced to NGVD at a precision of +/- 0.01 foot. ~~and the~~ The results shall be logged for each monitor ~~at wells as~~ approved by the ~~DER~~ DEP and the St. Johns River Water Management District in accordance with the schedule shown in table 1 at the wells shown in Figure 3.

4. After consultation with the DE~~R~~P and SJRWMD, Seminole shall install a monitoring well system as generally shown in Figure 3 to monitor groundwater quality in the top 40 feet of surficial aquifer. One well shall be installed to a depth greater than 40 feet but less than 100 to monitor vertical dispersion or

groundwater contaminants. Monitoring well location and designs shall be submitted to the Department and SJRWMD for review. Approval or disapproval of the locations and design shall be granted within 60 days. The water samples collected from each of the monitor wells shall be collected immediately after removal by pumping of a quantity of water equal to ~~two casing volumes~~ three well volumes and stabilization of field parameters (i.e., conductivity, temperature and pH), or five well volumes (if field parameters not monitored). The water quality analyses shall be performed monthly during the year prior to commercial operation and two years after operation and quarterly or annually thereafter in accordance with the schedule shown in Table 1. Results shall be submitted to the Department and the SJRWMD ~~by the 30th day of the month following the month during which such analyses were performed.~~ as specified in Condition III.E.9. Testing for the following constituents is required.

Conductance	Nickel
pH	Selenium
Chloride	Chromium
Iron	Arsenic
Cadmium	Beryllium
Zinc	Mercury
Copper	Lead
Sulfate	Gross Alpha
Silver	Barium

5. A scaled drawing shall be submitted which depicts the location of monitor wells in relation to property lines, facility structures, roads, etc. The drawing shall include the identity of each monitor well, along with the latitude, longitude and top-of-casing elevation. The drawing shall be revised within 45 days of any new monitor well construction.

6. New monitor wells constructed after January 1, 1995, shall be installed by a Florida licensed water well contractor. Well design, installation and develpment shall be in accordance with A.S.T.M. standard D-5092 "Standard Practice for Design and Installation of Monitoring Wells in Aquifers", with screened intervals limited to ten feet unless otherwise approved by the Department. All monitor wells are to be permanently labeled as to identity and top-of-casing elevation.

7. Within 30 days of any new monitor well installation, a Monitor Well Completion Report, DEP Form 62-522.900(3) shall be completed and submitted.

8. In the event that a monitor well is damaged, a written report describing both the damage and proposed corrective measures shall be submitted to the DEP within 7 days. Approval shall be obtained from the Department prior to repair or replacement of any monitor well.

9. Quarterly ground water sampling and analytical reporting must be in accordance with the following schedule:

Sample Period	Report Due
1st Quarter (January-March)	April 28th
2nd Quarter (April-June)	July 28th
3rd Quarter (July-September)	October 28th
4th Quarter (October-December)	January 28th

10. Ground water analysis shall be reported on DEP Form 62-522.900(2), or a facsimile thereof. A copy of the laboratory analysis report is to accompany the completed monitoring report form.

11. Commencing with the first quarter of 1995, Seminole is authorized to discontinue monitoring of compliance wells 2 and 15. However, SECI shall monitor data collected at intermediate wells 7C and 14A to determine if a trend or trends exist indicating that maximum contaminant levels found in 62-550 F.A.C., for the parameters listed in Condition III. E. 4. may be exceeded at the boundary of the zone of discharge. DEP may require resumption of quarterly monitoring at either well 2 or 15, as appropriate, upon determining that such maximum contaminant level trends are occurring for specific paramenters in wells 7C or 14A.

12. An analysis shall be conducted once every 5 years on the effluent(s) which are discharged to ground water via the percolation ponds. The analysis shall be run on a 24-hour flow-proportioned sample for the priority pollutants (excluding pesticides).

F. Leachate

1. Zone of Discharge

Leachate from the FGD/sludge landfill, coal storage pile, bottom ash sump, percolation and FGD emergency pond shall not contaminate waters of the State (including both surface and groundwaters) in excess of the limitations of Chapter ~~17-3~~ 62-520, F.A.C., beyond the boundary of the site.

2. Corrective Action

When the groundwater monitoring system show a violation of the groundwater water quality standards of Chapter ~~17-3~~ 62-520, the appropriate ponds, FGD landfill, or coal pile shall be sealed, relocated or closed, or the operation of the affected facility shall be altered in such a manner as to assure the Department that no violation of the groundwater standards will occur beyond the boundary of the site.

Table I Groundwater Monitoring Frequency

	FGD Area Wells		Coal Pile Area Wells		Perc Pond Area Wells	
	~~1,2,~~3,~~4A,4B~~,5,~~6~~ 7C,18,19,20	~~9,10,11,12,13A,13B~~	14A,14C,~~15,~~16,17B 6,8,9,10,12,13A			
	Monthly	Quarterly	Monthly	Yearly	Monthly	Quarterly
Conductance	X	X	X	X	X	X
pH	X	X		X	X	X
Chloride	X	X		X	X	X
Sulfate	X	X		X	X	X
Cadmium		X		X		X
Zinc	X	X		X	X	X
Iron	X	X	X	X	X	X
Copper		X		X		X
Silver		X		X		X
Nickel		X		X		X
Selenium	X	X		X	X	X
Chromium		X		X		X
Beryllium		X		X		X
Mercury	X	X		X	X	X
Lead		X		X		X
Barium		X		X		X
Arsenic	X	X		X	X	X
Gross Alpha		X		X		X

IV. Control Measures During Construction

B. Sanitary Wastes

Disposal of sanitary wastes from construction toilet facilities shall be in accordance with applicable regulations of the Department and appropriate local health agency. The sewage treatment plant shall be operated in accordance with Chapters ~~17-3, 17-16, and 17-19~~ 62-302, 62-601 and 17-602, F.A.C. Plans and specifications for the sewage treatment plant shall be submitted to the Department's St. Johns River Subdistrict Manager for review and approval prior to installation.

V. Solid Wastes

Solid Wastes resulting from construction or operation shall be disposed of in accordance with the applicable regulations of Chapter ~~17-7~~ 62-701, F.A.C. The permittee shall submit a program for approval but outlining the methods to be used in handling and disposal of solid wastes indicating at least methods for erosion control, covering, vegetation and quality control.

Open burning in connection with land clearing shall be in accordance with Chapter ~~17-5~~ 62-256, F.A.C. No additional permits shall be required, but the Division of Forestry shall be notified prior to burning. Open burning shall not occur if the Division of Forestry has issued a ban on burning due to fire hazard conditions.

VIII. Potable Water Supply System

The potable water supply system shall be designed and operated in conformance with Chapters ~~17-22~~ 62-550, 62-551, 62-555, and 62-560, F.A.C. Information as required in ~~17-22.108~~ Chapters 62-550, 62-551, 62-555, and 62-560 F.A.C., shall be submitted to the Department prior to construction and operation. The operation of the potable water supply system shall be certified in accordance with Chapters ~~17-16~~ 62-602 and 62-699, F.A.C.

IX. Transformer and Electric Switching Gear

The foundations for transformers, capacitors, and switching gear necessary for Seminole Units 1 and 2 to connect with the existing transmission/distribution system shall be constructed of an impervious material and shall be constructed in such a manner to allow complete collection and recovery of any spills or leakage of oily, toxic, or hazardous substances.

XI. Construction and Maintenance Activities in Waters of the State.

1. No construction on sovereignty submerged lands shall commence without obtaining lease or title from the ~~Department of Natural Resources Environmental Protection~~ Trustees of the Internal Improvement Trust Fund.

2. Construction and maintenace of intake and discharge structures should be done in a manner to minimize turbidity. Turbidity screens should be used to prevent turbidity in excess of ~~50 JTU~~ 29 NTU above background beyond 150 meters from the dredging, pile driving or construction site.

5. Effective stabilization of submerged bottom sediments at the discharge pipe ~~exist~~ exits should be achieved and maintained during the period of operation by the placement of riprap or other suitable material.

XII. FGD/Sludge Landfill and Coal Pile

Adequate geophysical testing for landfill increments 1 and 2 shall be conducted in accordance with ~~17-701~~ Chapter 62-701 F. A. C. ~~to determine if solution cavities are present under the landfill area. If such cavities are located, such cavities shall be sealed off and stabilized~~.

The existing and proposed FGD sludge landfill areas shall be monitored and studied pursuant to a detailed groundwater testing and monitoring program as defined in Condition III. E.

The results of the program will be used by the Department in determining whether Seminole has affirmatively demonstrated that Florida Water Quality Standards (~~17-3,~~ 62-520, F.A.C.) will not be violated beyond the site boundary.

If the Department determines that Seminole has failed to affirmatively demonstrate that Florida Water Quality Standards (~~17-3~~ Chapter 62-520 F.A.C.) will not be violated, Seminole shall present to the Department, within 90 days of such determination, a plan of correction, (which may include, if appropriate, an impermeable liner) for review and approval by the Department, and for timely implementation by Seminole.

~~During the initial years of operation of Unit 1, but not to exceed five years from start up of Unit 1, a FGD sludge disposal test and evaluation program shall be implemented in accordance with the program outline submitted to the Department on April 27, 1979 as attached and incorporated herein as Attachment 1. During the test program, any FGD sludge not utilized in the program shall be fixed so as to achieve an ultimate~~

~~permeability not greater than 7x10-7 cm/sec and shall be disposed of in a manner and located so as to not interfere with the sludge testing program.~~

~~Upon completion of the test and evaluation program Seminole shall submit a proposed method of FGD sludge disposal to the Department for Review. The Department shall indicate its approval or disapproval of the program within 60 days of receipt. Seminole shall implement the approved program as soon as practical upon receipt of approval from the Department. Should the program be disapproved by the Department Seminole shall fix the FGD sludge so as to achieve a permeability not greater than 1x10-7 cm/sec and place it with the bottom layer at least eight feet thick or line it with an impermeable liner.~~

~~Upon initiation of FGD sludge disposal, a quality control program shall be implemented to insure that the permeability of the FGD sludge does not exceed prescribed levels. Construction of perimeter berms of "Fixed" FGD sludge, if any, shall be in conformance with the provisions of Chapter 17-9, F.A.C., regarding earthen dams.~~

SECI is granted the authority to dispose of FGD wastes in the existing FGD/Sludge landfill by implementation of microencapsulation and/or macroencapsulation methods as described below:

a.) Microencapsulation or fixation of unoxidized FGD waste shall be accomplished by following good engineering practices and applicable environmental standards. The fixated material shall achieve an ultimate permeability of no greater than 7×10^{-7} cm/sec.

b.) Macroencapsulation of physically stabilized unoxidized FGD waste shall be accomplished by following good engineering practices and applicable environmental standards. The macroencapsulation cells shall be constructed on an initial bed of fixated material measuring a minimum of 8.0 feet thick and having an ultimate permeability of 7×10^{-7} cm/sec. An open cell design configuration with a gradually sloped bottom shall be constructed to allow the stabilized FGD material to drain and minimize the potential of developing a hydraulic head. The cell walls and cap shall be constructed of fixated material having an ultimate permeability no greater than 7×10^{-7} cm/sec. The cells shall be filled with physically stabilized FGD material to the full vertical extent and shall be capped with 5.0 feet of fixated material as the cells develop.

c.) A quality control program shall insure that the permeability of the fixated FGD material does not exceed prescribed levels. Perimeter berms, swales, and ponds constructed of fixated FGD material may be used to capture, route, and contain all runoff from the landfill area within the closed FGD scrubber/wastewater recycling system.

SECI is authorized to continue these FGD/Sludge disposal activities in the areas designated as Landfill Increment 1 and Landfill Increment 2 as shown in attached Figure 4, provided:

a. SECI shall provide three sets of the final landfill construction drawings and retention pond design calculations to the Florida Department of Environmental Protection, Siting Coordinator, for review and approval prior to construction of landfill Increments 1 & 2 shown in attached Figure 4.

b. Prior to finalizing the construction plans for Landfill Increments 1 & 2, SECI shall apply for and receive a binding jurisdictional determination from the Department, which delineates the boundaries of any wetlands adjacent to landfill increments. SECI shall notify the Siting Coordination Office of the submittal of the application for the binding determination and when the determination is granted.

c. If the binding jurisdictional determination required above shows that the proposed construction will occur in wetlands, SECI shall provide the Siting Coordination Office with complete post-certification information regarding the wetland impacts, including a joint application form and detailed drawings of the proposed work. The Department shall bave 30 days to review the information for sufficiency and request additional information as needed. If the Department, determines that it is necessary, SECI shall provide mitigation to offset the wetland impacts of the project. Once the information is sufficient, the Department shall have 90 days to issue a determination of compliance of the project.

d. With regard to the existing FGD/Sludge landfill and Increments 1 & 2, Seminole may construct the landfill and appurtenant facilitites and may dispose of solid waste within 200 feet of any natural or artificial body of water, including wetlands within the jurisdiction of the Department, pursuant to Rule 62-701.300 (2)(g).

XIII. Transmission Lines

A. Construction

1. Filling and construction in waters of the State shall be minimized to the extent practicable. No such activities shall take place without obtaining lease or title from the ~~Department of Natural Resources~~ Trustees of the Internal Improvement Trust Fund.

5. Sufficient culverts shall be placed through fill causeways to maintain sheet flow. The number and locations of such culverts will be determined in the field by consultation with DE~~R~~P field inspectors.

XV. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any limitation specified in this certification, the permittee shall notify the Director of District Management for the Northeast District ~~St. Johns River Subdistrict Manager~~ of the Department by telephone during the working day during which permittee becomes aware of said noncompliance and shall confirm this situation in writing within seventy-two (72) hours of first becoming aware of such conditions, supplying the following information:

a. A description and cause of noncompliance; and

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying event.

XVI. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this certification. Such systems are not to be bypassed without prior department approval, except, during periods ~~of~~ when light oil is used for ignition, the FGD system may be bypassed.

XVIII. Right of Entry

The permittee shall allow the Secretary of the Florida Department of Environmental ~~Regulation~~ Protection and/or authorized representatives, upon the presentation of credentials:

XXIV. Review of Site Certification

The certification shall be final unless revised, revoked or suspended pursuant to law. At least every five years from the date of issuance of this certification or any National Pollutant Discharge Elimination System Permit issued pursuant to the Federal Water Pollution Control Act Amendments of 1972, for the plant units, the Department shall review all monitoring data that has been submitted to it during the ~~proceeding~~ preceding five-year period, for the purposes of determining the extent of the permittee's compliance with the conditions of this certification of the environmental impact of this facility. The Department shall submit the results of its review and recommendations to the permittee. Such results will be repeated at least every five years thereafter.

XXVI. Rail Car Maintenance Facility

The rail car maintenance and surface coating facility shall be designed, constructed and operated in conformance with chapters ~~17-2, 17-25, and 17-302~~ 62-296, 62-25, and 62-302, F.A.C. and the following limitations:

B. VOC Emissions - shall not exceed ~~37.7~~ 38.75 lbs/hr. or ~~7.84~~ 11.84 T/year.

C. Particulate Emissions - Unconfined particulate emissions from abrasive blasting shall be controlled as required by Section ~~17-2.610(3)(c)~~ 62-296.310(3)(c), F.A.C., using the following precautions:

~~1. Only the interior of the railcars shall be cleaned.~~

~~2~~ 1. The cover and the partial enclosure of the shelter shall act as a windbreak to minimize the amount of residual particulate that becomes airborne.

2. Containment screens shall be installed on the northern and southern ends of the shelter.

G. Water - The associated drinking water system shall comply with the substantive requirements of chapters 10D-4, ~~17-550 and 17-555~~ 62-550 and 62-555, F.A.C. Consumptive use of groundwater shall be governed by the non-procedural provisions of 40C-2.381, F.A.C. and Section 18.0.1, Part III, "Applicants Handbook Consumptive Uses of Water."

H. Spent Blast Media - Spent blast media associated with the railcar maintenance facility shall be containerized during storage and transportation and subsequently disposed of in the onsite FGD/sludge landfill.

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate procedure, with the clerk of the Department of Environmental Protection in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date that the Final Order is filed with the Department of Environmental Protection.

DONE AND ENTERED this 2nd day of March, 1995 in Tallahassee, Florida.

STATE OF FLORIDA, DEPARTMENT
OF ENVIRONNENTAL PROTECTION

Virginia B. Wetherell
Secretary

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FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk **Date** 3/2/95

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing was sent by U.S.Mail to the following this 2nd day of March, 1995.

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